

Accordingly, allowance of this application is again requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Norman F. Oblon
Attorney of Record
Registration No. 24,618

Samuel H. Blech
Registration No. 32,082



22850

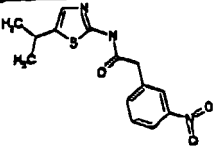
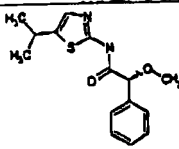
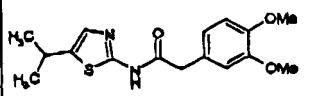
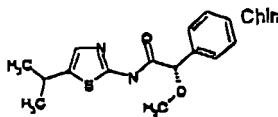
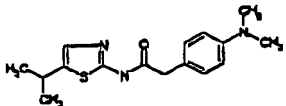
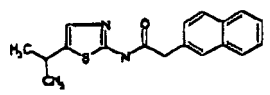
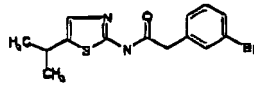
Tel.: (703) 413-3000

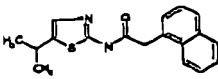
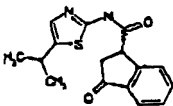
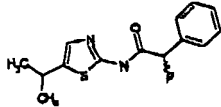
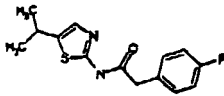
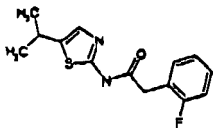
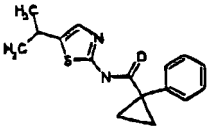
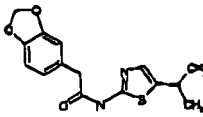
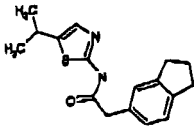
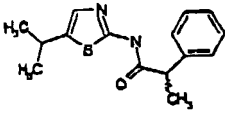
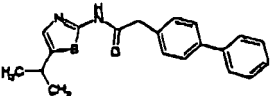
Fax: (703) 413-2220

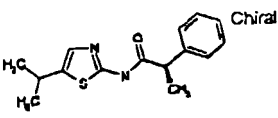
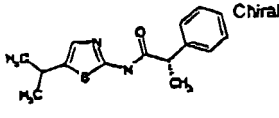
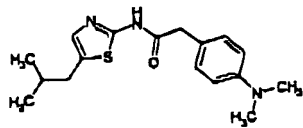
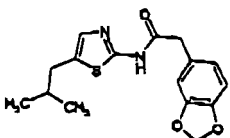
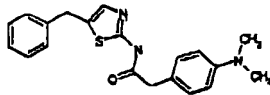
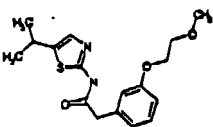
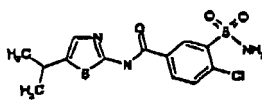
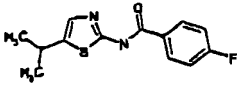
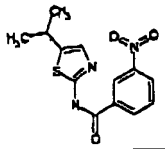
SHB\la

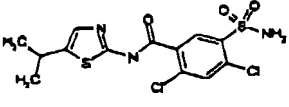
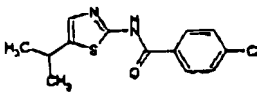
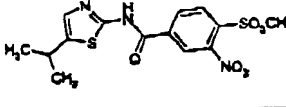
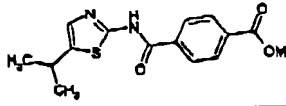
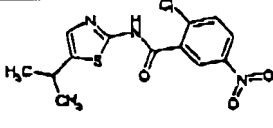
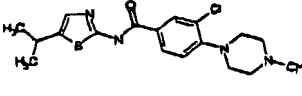
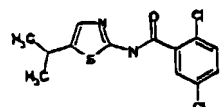
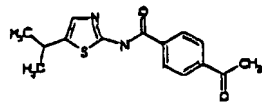
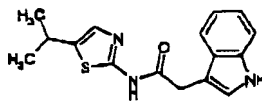
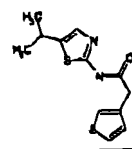
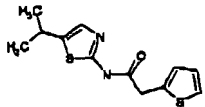
I:\atty\SHB\205554us-am2.wpd

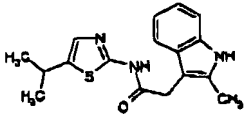
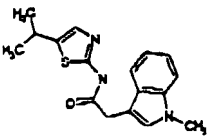
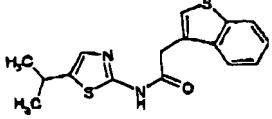
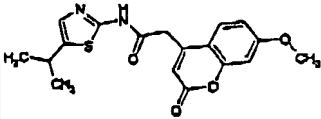
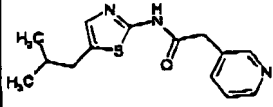
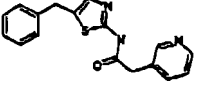
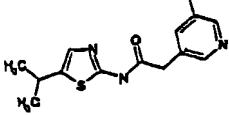
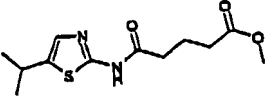
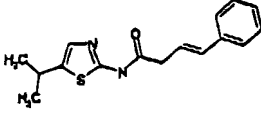
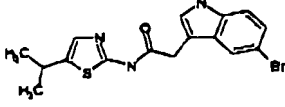
Table I

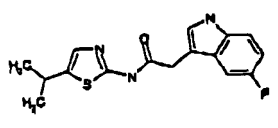
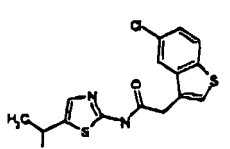
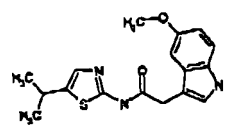
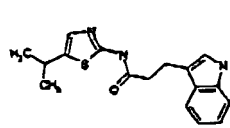
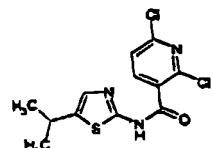
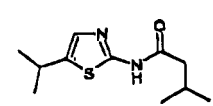
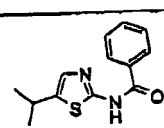
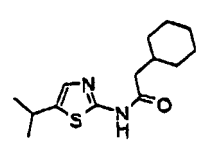
MOLSTRUCTURE	m p °C	¹ H-NMR	Sol vent
		12.23 (s broad, 1H, <u>NHCOCH₂</u>), 8.22-7.62 (m, 4H, Ar), 7.15 (s, 1H, H4thiaz), 3.91 (s, 2H, <u>NHCOCH₂</u>), 3.08 (m, 1H, <u>CHMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
		9.81 (s broad, 1H, <u>NHCOCH₂</u>), 7.5-7.3 (m, 4H, Ar), 7.11 (s, 1H, H4thiaz), 4.83 (s, 1H, <u>NHCOCH₂</u>), 3.44 (s, 3H, Ome), 3.11 (m, 1H, <u>CHMe₂</u>), 1.3 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	124-125	12.06 (s broad, 1H, <u>NHCO</u>), 7.13 (s, 1H, H4thiaz), 6.92-6.81 (m, 3H, Ar), 3.72 (s, 3H, OMe), 3.70 (s, 3H, OMe), 3.61 (s, 2H, <u>NHCOCH₂</u>), 3.07 (m, 1H, <u>CHMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
 Chiral	77-78	12.05 (s broad, 1H, <u>NHCO</u>), 7.38-7.29 (m, 5H, Ar), 7.12 (s, 1H, H4thiaz), 4.95 (s, 1H, <u>CHOME</u>), 3.23 (s, 2H, <u>CHOME</u>), 3.05 (m, 1H, <u>CHMe₂</u>), 1.20 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	136-137	12.08 (s broad, 1H, <u>NHCOCH₂</u>), 7.28 (d, 2H, Ar), 7.13 (s, 1H, H4thiaz), 7.1 (d, 2H, Ar), 3.65 (s, 2H, <u>NHCOCH₂</u>), 3.06 (m, 1H, <u>CHMe₂</u>), 2.98 (s, 6H, <u>NMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	130-131	12.22 (s, 1H, <u>NHCO</u>), 7.85-7.48 (m, 7H, Ar), 7.14 (s, 1H, H4thiaz), 3.89 (s, 2H, <u>CH₂CO</u>), 3.07 (m, 1H, <u>CHMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	130-131	12.16 (s, 1H, <u>NHCO</u>), 7.52-7.29 (m, 4H, Ar), 7.14 (s, 1H, H4thiaz), 3.73 (s, 2H, <u>CH₂CO</u>), 3.08 (m, 1H, <u>CHMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶

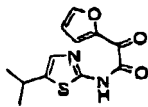
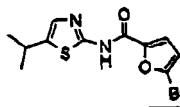
	177-178	8.07-7.48 (m, 7H, Ar), 7.15 (s, 1H, H4thiaz), 4.22 (s, 2H, CH ₂ CO), 3.06 (m, 1H, CHMe ₂), 1.20 (d, 6H, CHMe ₂)	DMSO-d ⁶
	223-224	12.61 (s, 1H, NHCO), 7.69-7.51 (m, 4H, Ar), 7.19 (s, 1H, H4thiaz), 4.55 (dd, 1H, CHCO), 3.08 (m, 1H, CHMe ₂), 2.89 (m, 2H, COCH ₂ CH), 1.22 (d, 6H, CHMe ₂)	DMSO-d ⁶
	105-106	12.50 (s, 1H, NHCO), 7.53-7.51 (m, 5H, Ar), 7.18 (s, 1H, H4thiaz), 6.12 (d, 1H, J _{H-F} = 46.8, CHF), 3.09 (m, 1H, CHMe ₂), 1.22 (d, 6H, CHMe ₂)	DMSO-d ⁶
	150-152	11.20 (s broad, 1H, NHCO), 7.28-7.07 (m, 5H, Ar+H4thiaz), 3.80 (s, 2H, CH ₂ CO), 3.13 (m, 1H, CHMe ₂), 1.32 (d, 6H, CHMe ₂)	DMSO-d ⁶
	164-166	11.45 (s broad, 1H, NHCO), 7.37-7.14 (m, 5H, Ar+H4thiaz), 3.88 (s, 2H, NHCOCH ₂), 3.12 (m, 1H, CHMe ₂), 1.32 (d, 6H, CHMe ₂)	DMSO-d ⁶
	98-100	8.35 (s broad, 1H, NHCO), 7.40 (m, 5H, Ar), 6.99 (s, 1H, H4thiaz), 3.10 (m, 1H, CHMe ₂), 1.78 (m, 2H, CH ₂), 1.29 (m, 2H, CH ₂), 1.25 (d, 6H, CHMe ₂)	CDCl ₃
	130-132	12.06 (s broad, 1H, NHCOCH ₂), 7.13 (s, 1H, H4thiaz), 6.86-6.75 (m, 3H, Ar), 5.96 (s, 2H, OCH ₂ O), 3.60 (s, 2H, NHCOCH ₂), 3.05 (m, 1H, CHMe ₂), 1.22 (d, 6H, CHMe ₂)	DMSO-d ⁶
	100-102	12.1 (s broad, 1H, NHCOCH ₂), 7.2-7 (m, 4H, Ar+H4thiaz), 3.64 (s, 2H, NHCOCH ₂), 3.07 (m, 1H, CHMe ₂), 2.8-1.97 (m, 6H, -CH ₂ CH ₂ CH ₂ -), 1.22 (d, 6H, CHMe ₂)	DMSO-d ⁶
	98-100	12.06 (s broad, 1H, NHCO), 7.3 (m, 5H, Ar), 7.03 (s, 1H, H4thiaz), 3.79 (q, 1H, CHMe), 3.10 (m, 1H, CHMe ₂), 1.59 (d, 3H, CHMe), 1.30 (d, 6H, CHMe ₂)	DMSO-d ⁶
	167-169	10 (s broad, 1H, NHCOCH ₂), 7.6-7.4 (m, 9H, Ar), 7.04 (s, 1H, H4thiaz), 3.84 (s, 2H, NHCOCH ₂), 3.11 (m, 1H, CHMe ₂), 1.31 (d, 6H, CHMe ₂)	DMSO-d ⁶

	115-116	12.06 (s broad, 1H, <u>NHCO</u>), 7.26 (m, 5H, Ar), 6.99 (s, 1H, H4thiaz), 3.79 (q, 1H, <u>CHMe</u>), 3.10 (m, 1H, <u>CHMe</u> ₂), 1.59 (d, 3H, <u>CHMe</u>), 1.30 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ⁶
	112-114	12.06 (s broad, 1H, <u>NHCO</u>), 7.33 (m, 5H, Ar), 7.11 (s, 1H, H4thiaz), 3.93 (q, 1H, <u>CHMe</u>), 3.07 (m, 1H, <u>CHMe</u> ₂), 1.40 (d, 3H, <u>CHMe</u>), 1.22 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ⁶
	124-126	12.01 (s broad, 1H, <u>NHCO</u>), 7.11-6.65 (m, 5H, Ar+H4thiaz), 3.55 (s, 2H, <u>NHCOCH</u> ₂), 2.83 (s, 6H, <u>NMe</u> ₂), 2.56 (d, 2H, <u>CH</u> ₂ iPr), 1.74 (m, 1H, <u>CHMe</u> ₂), 0.87 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ⁶
	139-141	9.90 (s broad, 1H, <u>NHCO</u>), 7.04 (s, 1H, H4thiaz), 6.78 (m, 3H, Ar), 5.96 (s, 2H, <u>OCH</u> ₂ O), 3.72 (s, 2H, <u>NHCOCH</u> ₂), 2.60 (d, 2H, <u>CH</u> ₂ iPr), 1.85 (m, 1H, <u>CHMe</u> ₂), 0.93 (d, 6H, <u>CHMe</u> ₂)	CDCl ₃
	175-177	12.0 (s broad, 1H, <u>NHCO</u>), 7.28 (m, 6H, <u>CH</u> ₂ Ph+H4thiaz), 7.08-6.64 (m, 4H, Ar), 4.04 (s, 2H, <u>CH</u> ₂ Ph), 3.53 (s, 2H, <u>NHCOCH</u> ₂), 2.82 (s, 6H, <u>NMe</u> ₂)	DMSO-d ⁶
	88-90	12.08 (s broad, 1H, <u>NHCO</u>), 7.20-6.81 (m, 5H, Ar+H4thiaz), 4.01 (dd, 2H, <u>OCH</u> ₂ CH ₂ OMe), 3.68 (s, 2H, <u>NHCOCH</u> ₂), 3.61 (dd, 2H, <u>OCH</u> ₂ CH ₂ OMe), 3.3 (s, 3H, <u>OCH</u> ₂ CH ₂ OMe), 3.05 (m, 1H, <u>CHMe</u> ₂), 1.22 (s, 6H, <u>CHMe</u> ₂)	DMSO-d ⁶
	230-231	12.81 (s broad, 1H, <u>NHCO</u>), 8.63-7.79 (m, 3H, Ar), 7.71 (s, 2H, NH ₂), 7.24 (s, 1H, H4thiaz), 3.12 (m, 1H, <u>CHMe</u> ₂), 1.27 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ⁶
	181-182	12.47 (s broad, 1H, <u>NHCO</u>), 8.13-7.37 (m, 4H, Ar), 7.23 (s, 1H, H4thiaz), 3.13 (m, 1H, <u>CHMe</u> ₂), 1.27 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ⁶
		12.0 (s broad, 1H, <u>NHCO</u>), 8.89-7.82 (m, 4H, Ar), 7.27 (s, 1H, H4thiaz), 3.13 (m, 1H, <u>CHMe</u> ₂), 1.28 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ⁶

	263-264	12.74 (s broad, 1H, <u>NHCO</u>), 8.11-8.0 (2s, 2H, Ar), 7.82 (s, 2H, <u>NH₂</u>), 7.24 (s, 1H, H4thiaz), 3.15 (m, 1H, <u>CHMe₂</u>), 1.27 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	204-206	12.6 (s broad, 1H, <u>NHCO</u>), 8.06-7.60 (m, 3H, Ar), 7.23 (s, 1H, H4thiaz), 3.12 (m, 1H, <u>CHMe₂</u>), 1.27 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	148-150	8.54-8.31 (m, 3H, Ar), 6.98 (s, 1H, H4thiaz), 3.43 (s, 3H, <u>SO₂Me</u>), 3.14 (m, 1H, <u>CHMe₂</u>), 1.35 (d, 6H, <u>CHMe₂</u>)	CDCl ₃
	173-175	8.16-8.06 (2d, 4H, Ar), 7.25 (s, 1H, H4thiaz), 3.88 (s, 3H, <u>COOMe</u>), 3.14 (m, 1H, <u>CHMe₂</u>), 1.28 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	164-166	8.50-7.86 (m, 3H, Ar), 7.24 (s, 1H, H4thiaz), 3.15 (m, 1H, <u>CHMe₂</u>), 1.28 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	178-179	12.4 (s broad, 1H, <u>NHCO</u>), 8.12-7.21 (m, 3H, Ar), 7.22 (s, 1H, H4thiaz), 3.2-2.48 (m, 5H, <u>CHMe₂</u> , + piperazine), 2.22 (s, 3H, <u>NMe</u>), 1.27 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
		12.6 (s broad, 1H, <u>NHCO</u>), 7.73-7.57 (m, 3H, Ar), 7.22 (s, 1H, H4thiaz), 3.15 (m, 1H, <u>CHMe₂</u>), 1.27 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
		12.6 (s broad, 1H, <u>NHCO</u>), 8.16-8.05 (m, 4H, Ar), 7.24 (s, 1H, H4thiaz), 3.13 (m, 1H, <u>CHMe₂</u>), 2.62 (s, 3H, <u>COMe</u>), 1.28 (d, 6H, <u>CHMe₂</u>)	DMSO-d ⁶
	207-209	9.4 (s broad, 1H, <u>NHCO</u>), 8.3 (s, 1H, NH), 7.55-6.98 (m, 6H, indole+H4thiaz), 3.96 (s, 2H, <u>COCH₂</u>), 3.10 (m, 1H, <u>CHMe₂</u>), 1.30 (d, 6H, <u>CHMe₂</u>)	CDCl ₃
	116-118	9.80 (s broad, 1H, <u>NHCO</u>), 7.37-7.05 (m, 3H, Ar), 7.04 (d, 1H, H4thiaz), 3.84 (s, 2H, <u>COCH₂</u>), 3.11 (m, 1H, <u>CHMe₂</u>), 1.32 (d, 6H, <u>CHMe₂</u>)	CDCl ₃
	148-150	10.20 (s broad, 1H, <u>NHCO</u>), 7.28-7.01 (m, 4H, Ar+H4thiaz), 4.02 (s, 2H, <u>COCH₂</u>), 3.13 (m, 1H, <u>CHMe₂</u>), 1.32 (d, 6H, <u>CHMe₂</u>)	CDCl ₃

	170-172	12.05 (s broad, 1H, <u>NHCO</u>), 10.82 (s, 1H, NH), 7.48-6.90 (m, 5H, indole+H4thiaz), 3.74 (s, 2H, COCH ₂), 3.06 (m, 1H, <u>CHMe</u> ₂), 2.36 (s, 3H, Me), 1.21 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ₆
	163-165	12.07 (s broad, 1H, <u>NHCO</u>), 7.57-7.01 (m, 6H, indole+H4thiaz), 3.79 (s, 2H, COCH ₂), 3.74 (s, 3H, NMe), 3.05 (m, 1H, <u>CHMe</u> ₂), 1.21 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ₆
	155-157	10.20 (s broad, 1H, <u>NHCO</u>), 7.88-7.40 (m, 5H, Ar), 6.95 (s, 1H, H4thiaz), 4.04 (s, 2H, COCH ₂), 3.07 (m, 1H, <u>CHMe</u> ₂), 1.27 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ₆
	234-236	11.3 (s broad, 1H, <u>NHCO</u>), 7.52-6.28 (m, 5H, Ar+H4thiaz), 3.93 (s, 2H, COCH ₂), 3.87 (s, 3H, OMe), 3.10 (m, 1H, <u>CHMe</u> ₂), 1.27 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ₆
	161-163	12.19 (s, 1H, <u>NHCO</u>), 8.49-7.34 (m, 4H, Ar), 7.12 (s, 1H, H4thiaz), 2.56 (d, 2H, <u>CH</u> ₂ iPr), 1.75 (m, 1H, <u>CHMe</u> ₂), 0.86 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ₆
	166-168	12.20 (s, 1H, <u>NHCO</u>), 8.48-7.24 (m, 10H, 2Xar+H4thiaz), 4.06 (s, 2H, <u>CH</u> ₂ Ph), 3.77 (s, 2H, <u>CH</u> ₂ CO)	DMSO-d ₆
	164-167	8.63-7.9 (m, 5H, Ar), 7.11 (s, 1H, H4thiaz), 3.85 (s, 2H, COCH ₂), 3.15 (m, 1H, <u>CHMe</u> ₂), 1.29 (d, 6H, <u>CHMe</u> ₂)	CDCl ₃
		11.6 (s broad, 1H, <u>NHCO</u>), 7.10 (s, 1H, H4thiaz), 3.67 (s, 3H, <u>CH</u> ₃ OCO), 3.15 (m, 1H, <u>CHMe</u> ₂), 2.60 (m, 2H, <u>CH</u> ₂ CH ₂ CH ₂), 2.46 (m, 2H, <u>CH</u> ₂ CH ₂ CH ₂), 2.09 (m, 2H, <u>CH</u> ₂ CH ₂ CH ₂), 1.34 (d, 6H, <u>CHMe</u> ₂)	CDCl ₃
	114-117	10.6 (s broad, 1H, <u>NHCO</u>), 7.36 (m, 5H, Ar), 7.10 (s, 1H, H4thiaz), 6.61 (d, 1H, J=15.8, CH=CHPh), 6.36 (dt, 1H, J=15.8, 7.3, <u>CH</u> =CHPh), 3.43 (dd, 2H, J=7.3, 1.3, COCH ₂), 3.14 (m, 1H, <u>CHMe</u> ₂), 1.33 (d, 6H, <u>CHMe</u> ₂)	CDCl ₃
	217-220	12.09 (s broad, 1H, <u>NHCO</u>), 11.5 (s, 1H, NH), 7.78-7.16 (m, 4H, indole), 7.13 (s, 1H, H4thiaz), 3.78 (s, 2H, COCH ₂), 3.07 (m, 1H, <u>CHMe</u> ₂), 1.21 (d, 6H, <u>CHMe</u> ₂)	DMSO-d ₆

	222-225	12.07 (s, 1H, <u>NHCO</u>), 11.03 (s, 1H, NH), 7.3-6.80 (m, 5H, indole+dec. H4thiaz), 3.77 (s, 2H, COCH ₂), 3.06 (m, 1H, <u>CHMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ₆
	172-173	12.25 (s, 1H, <u>NHCO</u>), 8.02-7.4 (m, 4H, Ar), 7.15 (s, 1H, H4thiaz), 4.0 (s, 2H, COCH ₂), 3.07 (m, 1H, <u>CHMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ₆
	203-204	12.05 (s, 1H, <u>NHCO</u>), 10.77 (s, 1H, NH), 7.22-6.70 (m, 5H, indole+ H4thiaz), 3.75 (s, 2H, COCH ₂), 3.72 (s, 3H, OMe), 3.07 (m, 1H, <u>CHMe₂</u>), 1.22 (d, 6H, <u>CHMe₂</u>)	DMSO-d ₆
	163-164	12.89 (s, 1H, <u>NHCO</u>), 10.75 (s, 1H, NH), 7.12-6.97 (m, 5H, indole+ H4thiaz), 3.10 (m, 1H, <u>CHMe₂</u>), 3.01 (t, 2H, <u>CH₂CH₂CO</u>), 2.78 (t, 2H, <u>CH₂CH₂CO</u>), 1.25 (d, 6H, <u>CHMe₂</u>)	DMSO-d ₆
	186-187	12.7 (s broad, 1H, <u>NHCO</u>), 8.18 (d, 1H, J=7.8, Ar), 7.71 (d, 1H, J=7.8, Ar), 7.24 (s, 1H, H4thiaz), 3.15 (m, 1H, <u>CHMe₂</u>), 1.27 (d, 6H, <u>CHMe₂</u>)	DMSO-d ₆
		10.8 (s broad, 1H, <u>NHCO</u>), 7.45 (s, 1H, H4thiaz), 3.33 (m, 1H, <u>CHMe₂</u>), 2.54 (m, 2H, <u>CH₂CHMe₂</u>), 2.42 (m, 1H, <u>CH₂CHMe₂</u>), 1.53 (d, 6H, <u>CH₂CHMe₂</u>), 1.21 (d, 6H, <u>CHMe₂</u>)	CDCl ₃
		12.4 (s broad, 1H, <u>NHCO</u>), 8.05-7.51 (m, 5H, Ph), 7.23 (s, 1H, H4thiaz), 3.13 (m, 1H, <u>CHMe₂</u>), 1.28 (d, 6H, <u>CHMe₂</u>)	DMSO-d ₆
		11.8 (s broad, 1H, <u>NHCO</u>), 7.11 (s, 1H, H4thiaz), 3.08 (m, 1H, <u>CHMe₂</u>), 2.25 (d, 2H, <u>CH₂CO</u>), 2.42 (m, 1H, <u>CH₂CHMe₂</u>), 1.23 (d, 6H, <u>CHMe₂</u>), 1.8-0.8 (m, 11H, cyclohexyl)	DMSO-d ₆

	8.13 (d, 1H, H3fur), 7.84 (d, 1H, H5fur), 7.25 (d, 1H, H4thiaz), 6.69 (dd, 1H, H4fur), 7.45 (s, 1H, H4thiaz), 3.20 (m, 1H, <u>CHMe₂</u>), 1.39 (d, 6H, <u>CHMe₂</u>)	CDCl ₃
	12.7 (s broad, 1H, <u>NHCO</u>), 7.54-6.82 (m, 3H, H4thiaz+furane), 3.10 (m, 1H, <u>CHMe₂</u>), 1.26 (d, 6H, <u>CHMe₂</u>),	DMSO-d ₆